**Fractions and decimals**

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| **Year** | **Procedural Knowledge** | **Declarative Knowledge** |  |
| Year 1 | * Identify representations of one half of a whole, collection of length. * Describe one-half of a whole, collection or length. | * One half is two equal parts of a whole, collection or length. |  |
| Year 2 | * Regognise common uses of halves, quarters and eighths in shapes or collections. * Relate the number of parts to the size of a fraction. | * Objects and collections can be partitioned into halves, quarters and eighths. |  |
| Year 3 | * Model and represent unit fractions including 1/2, 1/4, 1/3, 1/5 and their multiples to a complete whole. * Locate unit fractions on a number line. * Create, solve and sort problems involving counting in halves, quarters, thirds and sixths for addition | * Areas, lengths and collections can be partitioned into halves, thirds, quarters and fifths. * Fractions can be represented as visual images and in written form, e.g. half, third, quarter fifth. * In the English language fractions, such as 1/3, is described using the term one third (order: numerator, denominator). However in other languages fractions may be expressed in the reverse order. For example, in Japanese, one third is expressed as ‘thee parts, one of them’. |  |